

County Government
Financial Trends Report
for
Delaware County

Requested by
Delaware County Commissioners

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County Government Financial Trends Report for Delaware County

Introduction

The financial trends of Delaware County government are reviewed in this report.¹ The review covers fiscal years 2002-2014. General Fund total revenues and expenditures are presented in nominal (actual) and real (inflation adjusted²) dollars. General Fund expenditure accounts are delineated. General Fund expenditures are also reported per capita to give an estimate of the average cost of county services for each citizen. Assessed values of real, personal, and public service property classes are presented, as well as other sources of General Fund revenues.

Total Road Fund revenues and expenditures are presented in actual and inflation adjusted dollars. Trends in the primary revenue sources are analyzed. Road expenditures per mile of road are reported in order to aid analysis of the cost of providing and maintaining county roads.

Summary and Conclusions

General Fund revenues rose 58.89% between fiscal years 2002 and 2014. At the same time, prices (inflation) increased 27.32% (as measured by the GDP implicit price deflator).

- **General Fund expenditures** rose 52.36%.

General Fund property tax revenues rose 88.38% over the period. Ad valorem revenues made up 76% of General Fund revenues in fiscal year 2014.

General Fund revenues from “all other sources” increased 5.38% over the study period.

- **Road Funds revenues** increased 6.99% between fiscal years 2002 and 2014. This is less than the 27.32% inflation.
- **Road Funds expenditures** fell 0.92% from 2002 to 2014. Expenditures per mile of road fell by 1.45%.

Road Funds revenues from gross production and diesel taxes rose faster than inflation. Gasoline tax revenue increased 9.8% and motor vehicle tax revenue decreased 9.7%.

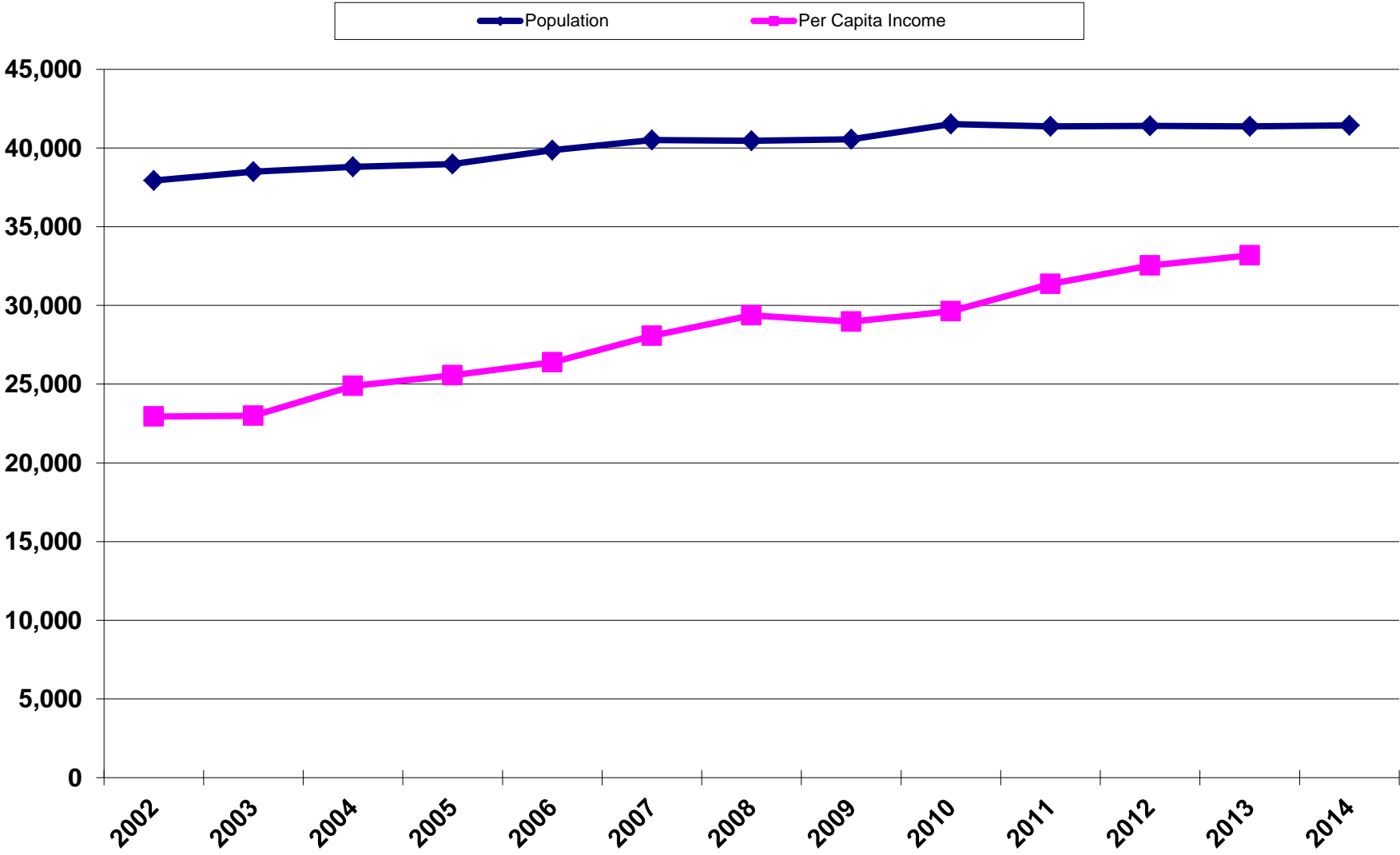
Road Fund revenues from gasoline, diesel, and motor vehicle fees composed 80% of total road revenue in 2014.

- The Delaware County **population** is estimated to have increased 9.26% from 2002 to 2014.
- **Per capita personal income** is estimated to have grown 44.67% from 2002 to 2013. This average growth is more than the 31.62% inflation (from consumer price index) from 2002-2014.
- In conclusion, both County General Fund revenue and Highway Fund revenue more than kept pace with rising prices.
- Appendix B shows an increase in the General Fund balance of 158.9% and an increase in the Road Fund balance of 59.8% from 2002-2014. These are unencumbered funds carried forward to the next fiscal year.
- Appendix C shows sales collections increased by 98.41% (2002-2014) and use tax collections increased 291.69% (2003-2014). Both are placed in cash funds.

¹ The primary source of data is the County Estimate of Needs and Financial Statement for each fiscal year. All sources of information are listed on page 18.

² The index used to adjust all dollar figures to 2002 dollars is the gross national product implicit price deflator. It considers a broad range of goods and services (broader than the consumer price index). The index is published by the U.S. Dept. of Commerce. The index numbers are provided in the Appendix.

Figure 1. Population and Per Capita Income, FY 2002-2014

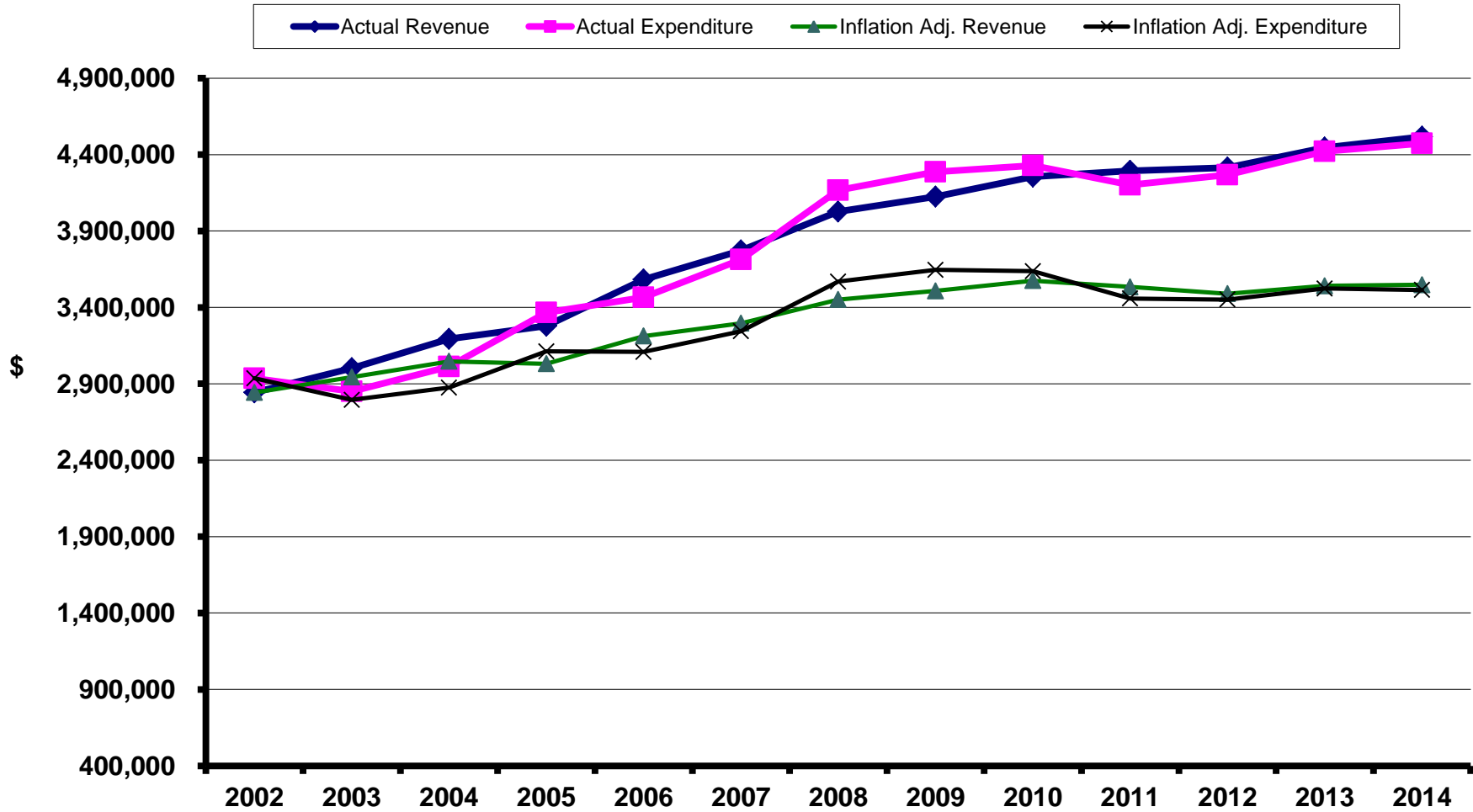


Delaware County Demographics

The Delaware County population increased over the 2002-2014 period. (Figure 1) The population increased about 9.26% from 2002 to 2014 (Table 1), increasing 0.74% per year on average. Per Capita Income rose 44.67% from 2002 to 2013. Prices of goods and services increased 31.62% (CPI) due to inflation during that period (Appendix A).

Year	Population	% Change	Total Personal Income	% Change	Per Capita Income	% Change
2000	37,195		791,815		21,338	
2001	37,643	1.2%	850,605	7.4%	22,619	6.0%
2002	37,935	0.8%	870,988	2.4%	22,939	1.4%
2003	38,504	1.5%	888,141	2.0%	22,989	0.2%
2004	38,797	0.8%	970,677	9.3%	24,890	8.3%
2005	38,980	0.5%	1,004,057	3.4%	25,563	2.7%
2006	39,873	2.3%	1,062,260	5.8%	26,381	3.2%
2007	40,511	1.6%	1,150,375	8.3%	28,069	6.4%
2008	40,463	-0.1%	1,205,008	4.7%	29,378	4.7%
2009	40,555	0.2%	1,196,017	-0.7%	28,966	-1.4%
2010	41,524	2.4%	1,230,005	2.8%	29,622	2.3%
2011	41,373	-0.4%	1,297,696	5.5%	31,366	5.9%
2012	41,405	0.1%	1,347,061	3.8%	32,534	3.7%
2013	41,377	-0.1%	1,373,114	1.9%	33,185	2.0%
2014	41,446	0.2%				
% Change						
02 - '14	9.26%		57.65%	'02 - '13	44.67%	
Annual Rate						
	0.74%		4.23%		3.41%	
* Source: Bureau of Economic Analysis and U.S. Dept. of Commerce						
Bureau of the Census and Federal Reserve Bank (http://research.stlouisfed.org/).						

Figure 2. General Fund Revenues & Expenditures, Actual & Inflation Adjusted, FY 2002-2014

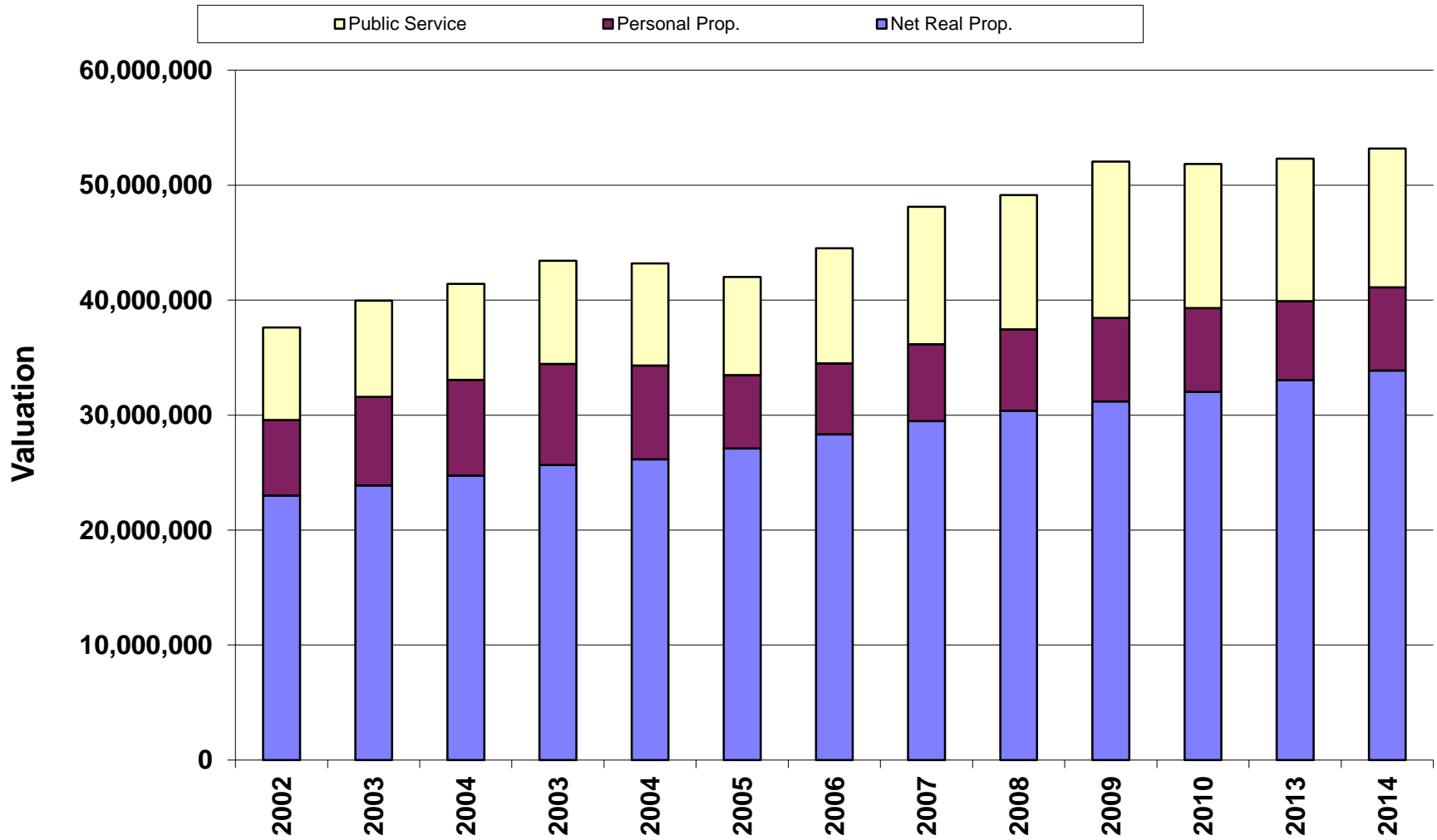


General fund revenues increased 58.89% from fiscal 2002 to fiscal 2014 while expenditures increased 52.36%. Accounting for inflation, revenues increased 24.80% (Table 2). Ad valorem revenues constitute 76% of general fund revenues and increased 88.38% from 2002 to 2014. “Other Revenues” increased 5.38% (Table 2).

Table 2. General Fund Revenues and Expenditures, FY 2002 - 2014						
	Ad Valorem	Other	Total	Total	Real	Real
Year	Revenues	Other Revenues	Total Revenues	Total Expenditures	Real Revenues	Real Expenditures
2002	1,832,702	1,010,090	2,842,802	2,936,180	2,842,802	2,936,180
2003	1,908,220	1,094,483	3,002,703	2,850,656	2,944,158	2,795,075
2004	2,072,710	1,120,144	3,192,854	3,012,754	3,046,816	2,874,953
2005	2,194,799	1,084,065	3,278,863	3,366,590	3,031,365	3,112,470
2006	2,318,836	1,263,263	3,582,099	3,466,021	3,212,827	3,108,715
2007	2,460,607	1,312,289	3,772,896	3,712,739	3,296,274	3,243,716
2008	2,674,934	1,352,851	4,027,784	4,165,656	3,451,030	3,569,159
2009	2,867,495	1,257,145	4,124,640	4,286,898	3,507,511	3,645,492
2010	3,042,880	1,212,557	4,255,438	4,329,215	3,575,229	3,637,213
2011	3,094,273	1,199,118	4,293,392	4,201,485	3,534,141	3,458,487
2012	3,175,651	1,139,778	4,315,429	4,267,837	3,489,554	3,451,070
2013	3,412,319	1,032,267	4,444,585	4,421,886	3,541,293	3,523,207
2014	3,452,355	1,064,458	4,516,813	4,473,650	3,547,685	3,513,783
% Change						
'02 - '14	88.38%	5.38%	58.89%	52.36%	24.80%	19.67%
Annual Rate						
of Change	5.42%	0.44%	3.93%	3.57%	1.86%	1.51%
per capita						
2002	48.31	26.63	74.94	77.40	74.94	77.40
2003	49.56	28.43	77.98	74.04	76.46	72.59
2004	53.42	28.87	82.30	77.65	78.53	74.10
2005	56.31	27.81	84.12	86.37	77.77	79.85
2006	58.16	31.68	89.84	86.93	80.58	77.97
2007	60.74	32.39	93.13	91.65	81.37	80.07
2008	66.11	33.43	99.54	102.95	85.29	88.21
2009	70.71	31.00	101.70	105.71	86.49	89.89
2010	73.28	29.20	102.48	104.26	86.10	87.59
2011	74.79	28.98	103.77	101.55	85.42	83.59
2012	76.70	27.53	104.22	103.08	84.28	83.35
2013	82.47	24.95	107.42	106.87	85.59	85.15
2014	83.30	25.68	108.98	107.94	85.60	84.78
% Change						
'02 - '2014	72.42%	-3.54%	45.43%	39.46%	14.22%	9.53%
Annual Rate						
of Change	4.64%	-0.30%	3.17%	2.81%	1.11%	0.76%

Note: Total Revenue is not necessarily equal to Ad Valorem + Other Revenues since it may include adjustments.

Figure 3. Real, Personal, and Public Service Property Assessed Values, FY 2002-2014



General Fund Sources of Revenue

These revenue and expenditure trends can be evaluated further by looking at the sources of revenue. The primary source of county General Fund revenue in most counties is the ad valorem tax. Figure 3 shows the change in taxable value by property class from 2002 through 2014. Note that net real property constitutes the largest portion of the tax base in recent years. Since the mill rate and assessment ratios change infrequently, appreciable change in general fund revenue results primarily from a change in taxable value. Changes in ad valorem revenue may also occur if collections vary from year to year. (Many counties have chosen to adopt a county sales tax to supplement ad valorem revenues. Delaware has done so but the revenue is placed in cash funds rather than the General Fund.)

Taxable value increased 41.41% between 2002 and 2014 (Table 3). Personal Property value rose 10.09% while Net Real Property valuation rose 47.22% and Public Service Property valuation decreased 50.37%. On a per person basis, net real property value increased 34.75%. Total value per person rose 29.43%. Thus, for the average citizen, property value increased more than the estimated 27.32% inflation (IPD, GDP index) from 2002-2014.

Delaware County Assessment Percentages:

Real Property:	11.5%
Personal Property:	11.5%
Public Service Property:	22.85% (by State Constitution)

Table 3. Assessed Property Values by Property Class

Year	Net Real Property	Personal Property	Public Service	Total Value
2002	23,011,258	6,565,775	8,041,200	37,618,233
2003	23,877,831	7,715,898	8,359,105	39,952,834
2004	24,749,023	8,309,781	8,357,659	41,416,463
2005	25,669,450	8,795,087	8,956,753	43,421,290
2006	26,146,947	8,179,969	8,860,026	43,186,942
2007	27,107,991	6,364,988	8,544,818	42,017,797
2008	28,320,562	6,187,713	10,012,350	44,520,625
2009	29,482,779	6,678,756	11,961,140	48,122,675
2010	30,375,661	7,094,431	11,663,777	49,133,869
2011	31,192,078	7,271,238	13,589,590	52,052,906
2012	32,020,120	7,287,863	12,535,407	51,843,390
2013	33,042,545	6,877,446	12,383,790	52,303,781
2014	33,877,069	7,228,360	12,091,669	53,197,098
% of Total	63.68%	13.59%	22.73%	100.00%
% Change				
'02 - '2014	47.22%	10.09%	50.37%	41.41%
Annual Rate				
of Change	3.28%	0.80%	3.46%	2.93%
per capita				
Year	Net Real Property	Personal Property	Public Service	Total Value
2002	607	173	212	992
2003	620	200	217	1,038
2004	638	214	215	1,068
2005	659	226	230	1,114
2006	656	205	222	1,083
2007	669	157	211	1,037
2008	700	153	247	1,100
2009	727	165	295	1,187
2010	732	171	281	1,183
2011	754	176	328	1,258
2012	773	176	303	1,252
2013	799	166	299	1,264
2014	817	174	292	1,284
% Change				
'02 - '2014	34.75%	0.77%	37.63%	29.43%
Annual Rate				
of Change	2.52%	0.06%	2.70%	2.17%

Table 4 shows the magnitude of change over time in several non-ad valorem revenue sources. These figures include fees and various reimbursements. Among the sources of income listed in Table 4, Other Sources of Revenue increased most, 19.70% and Motor Vehicle License & Registration tax revenue increased 19.49%. Interest on Investments decreased significantly. Altogether, these sources of revenue increase 5.38%. Notice on the bottom half of the table that on a per person basis, the total revenue (other than ad valorem) actually decreased.

Table 4. General Fund Revenues Other Than Ad Valorem Taxes

Year	Co. Clerk Fees	Motor Veh. License	Interest on Investments	Revaluation Reimbursement	Other Sources of Revenue	Total
2002	226,249	173,771	55,399	379,370	175,301	1,010,090
2003	256,064	171,456	47,486	343,654	275,823	1,094,483
2004	288,067	171,456	39,490	353,510	267,622	1,120,144
2005	294,500	172,613	54,486	337,816	224,650	1,084,065
2006	323,348	172,613	103,110	359,858	304,334	1,263,263
2007	316,162	172,613	233,011	316,221	274,282	1,312,289
2008	293,822	172,613	138,729	367,938	379,749	1,352,851
2009	238,010	173,731	154,592	400,869	289,944	1,257,145
2010	221,243	173,731	141,380	367,352	308,852	1,212,557
2011	226,194	174,163	92,130	351,974	354,658	1,199,118
2012	238,549	182,257	56,793	312,575	349,604	1,139,778
2013	243,573	189,562	27,146	339,517	232,468	1,032,267
2014	232,049	207,643	24,770	390,158	209,839	1,064,458
% of Total	21.80%	19.51%	2.33%	36.65%	19.71%	100.00%
% Change '02 - 2014	2.56%	19.49%	-55.29%	2.84%	19.70%	5.38%
Annual Rate of Change	0.21%	1.50%	-6.49%	0.23%	1.51%	0.44%
per capita						
2002	5.96	4.58	1.46	10.00	4.62	26.63
2003	6.65	4.45	1.23	8.93	7.16	28.43
2004	7.42	4.42	1.02	9.11	6.90	28.87
2005	7.56	4.43	1.40	8.67	5.76	27.81
2006	8.11	4.33	2.59	9.03	7.63	31.68
2007	7.80	4.26	5.75	7.81	6.77	32.39
2008	7.26	4.27	3.43	9.09	9.39	33.43
2009	5.87	4.28	3.81	9.88	7.15	31.00
2010	5.33	4.18	3.40	8.85	7.44	29.20
2011	5.47	4.21	2.23	8.51	8.57	28.98
2012	5.76	4.40	1.37	7.55	8.44	27.53
2013	5.89	4.58	0.66	8.21	5.62	24.95
2014	5.60	5.01	0.60	9.41	5.06	25.68
% Change '02 - 2014	-6.12%	9.37%	-59.08%	-5.87%	9.56%	-3.54%
Annual Rate of Change	-0.53%	0.75%	-7.17%	-0.50%	0.76%	-0.30%

Figure 4. Proportionate Shares of the General Fund Allocated Among the Various County Government Services, FY 2014 Expenditures

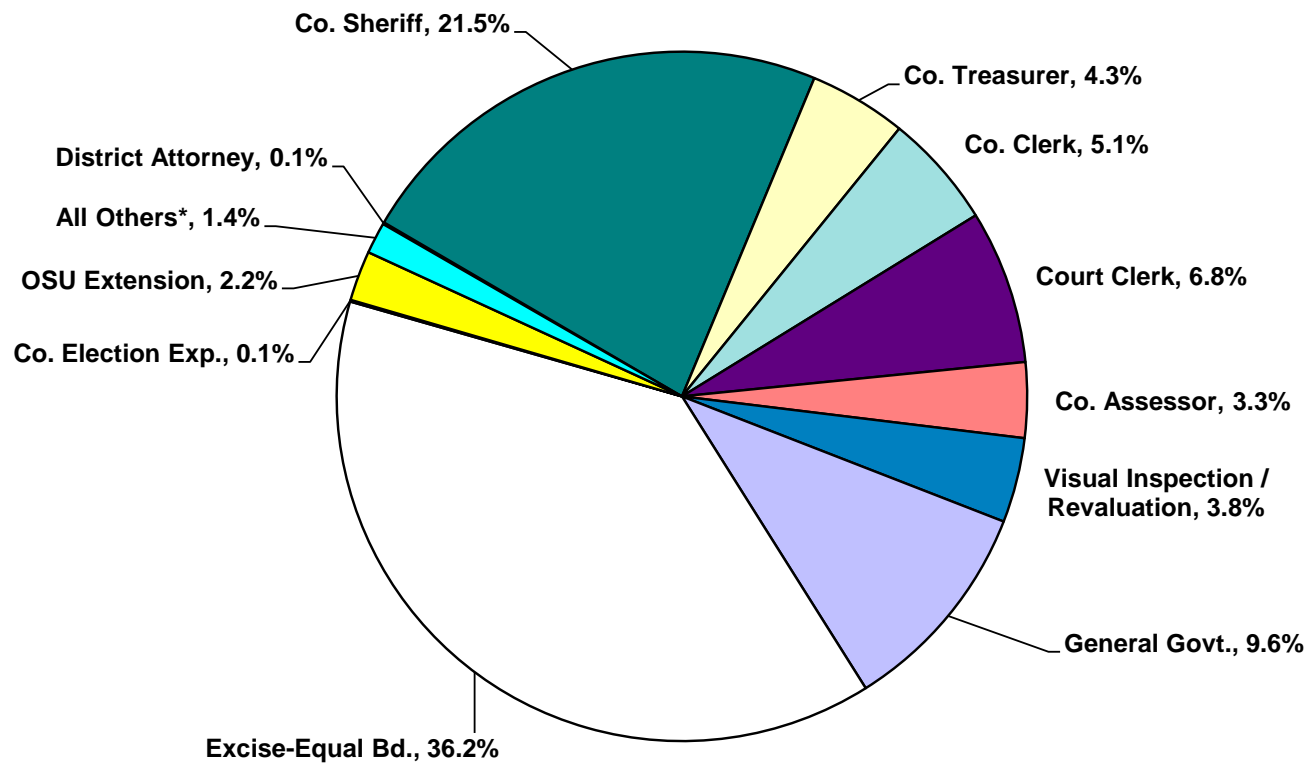


Figure 4 shows that "General Government" and "County Sheriff" are the largest expenditure accounts. All accounts, except the District Attorney and Excise- Equilization Board show increased expenditures (Table 5) over the period. After adjusting for inflation, however, County Treasurer, County Clerk, Court Clerk, Visual Inspection, and Election Expense also show "real" declines. Per capita expenditures are shown at the bottom of Table 5. General Government and County Sheriff together cost \$62.33 per person in 2014, 58% of the total.

Table 5. General Fund Expenditures by Function					
Account	2002	2014	% Change 2002-2014	Real Change 2002-2014	2014 Acct. % of Total
District Attorney	11,638	3,752	-67.76%	-74.68%	0.08%
Co. Sheriff	505,073	963,889	90.84%	49.89%	21.55%
Co. Treasurer	178,392	192,945	8.16%	-15.05%	4.31%
County Commissioners	172,049	226,256	31.51%	3.29%	5.06%
Co. Clerk	278,814	304,044	9.05%	-14.35%	6.80%
Court Clerk	125,747	149,004	18.50%	-6.93%	3.33%
Co. Assessor	123,644	167,839	35.74%	6.62%	3.75%
Visual Inspection / Revalua	395,966	428,352	8.18%	-15.03%	9.57%
General Govt.	888,540	1,619,162	82.23%	43.13%	36.19%
Excise-Equal Bd.	3,686	3,491	-5.29%	-25.61%	0.08%
Co. Election Exp.	92,160	99,004	7.43%	-15.62%	2.21%
OSU Extension	45,837	61,852	34.94%	5.99%	1.38%
All Others*	114,633	254,059	121.63%	74.08%	5.68%
Total	2,936,180	4,473,650	52.36%	19.67%	100.00%
per capita					
Account	2002	2014	% Change 2002-2014	Real Change 2002-2014	2014 Acct. % of Total
District Attorney	0.31	0.09	-70.49%	-76.82%	0.08%
Co. Sheriff	13.31	23.26	74.67%	37.20%	21.55%
Co. Treasurer	4.70	4.66	-1.00%	-22.24%	4.31%
County Commissioners	4.54	5.46	20.37%	-5.46%	5.06%
Co. Clerk	7.35	7.34	-0.19%	-21.60%	6.80%
Court Clerk	3.31	3.60	8.46%	-14.81%	3.33%
Co. Assessor	3.26	4.05	24.24%	-2.41%	3.75%
Visual Inspection / Revalua	10.44	10.34	-0.99%	-22.23%	9.57%
General Govt.	23.42	39.07	66.79%	31.00%	36.19%
Excise-Equal Bd.	0.10	0.08	-13.31%	-31.91%	0.08%
Co. Election Exp.	2.43	2.39	-1.67%	-22.77%	2.21%
OSU Extension	1.21	1.49	23.51%	-2.99%	1.38%
All Others*	3.02	6.13	102.85%	59.33%	5.68%
Total	77.40	107.94	39.46%	9.53%	100.00%

*All Others includes Emergency Management, Audit Budget, and Free Fair.

Figure 5. Trends in the Five Largest General Fund Expenditure Accounts, FY 2002-2014

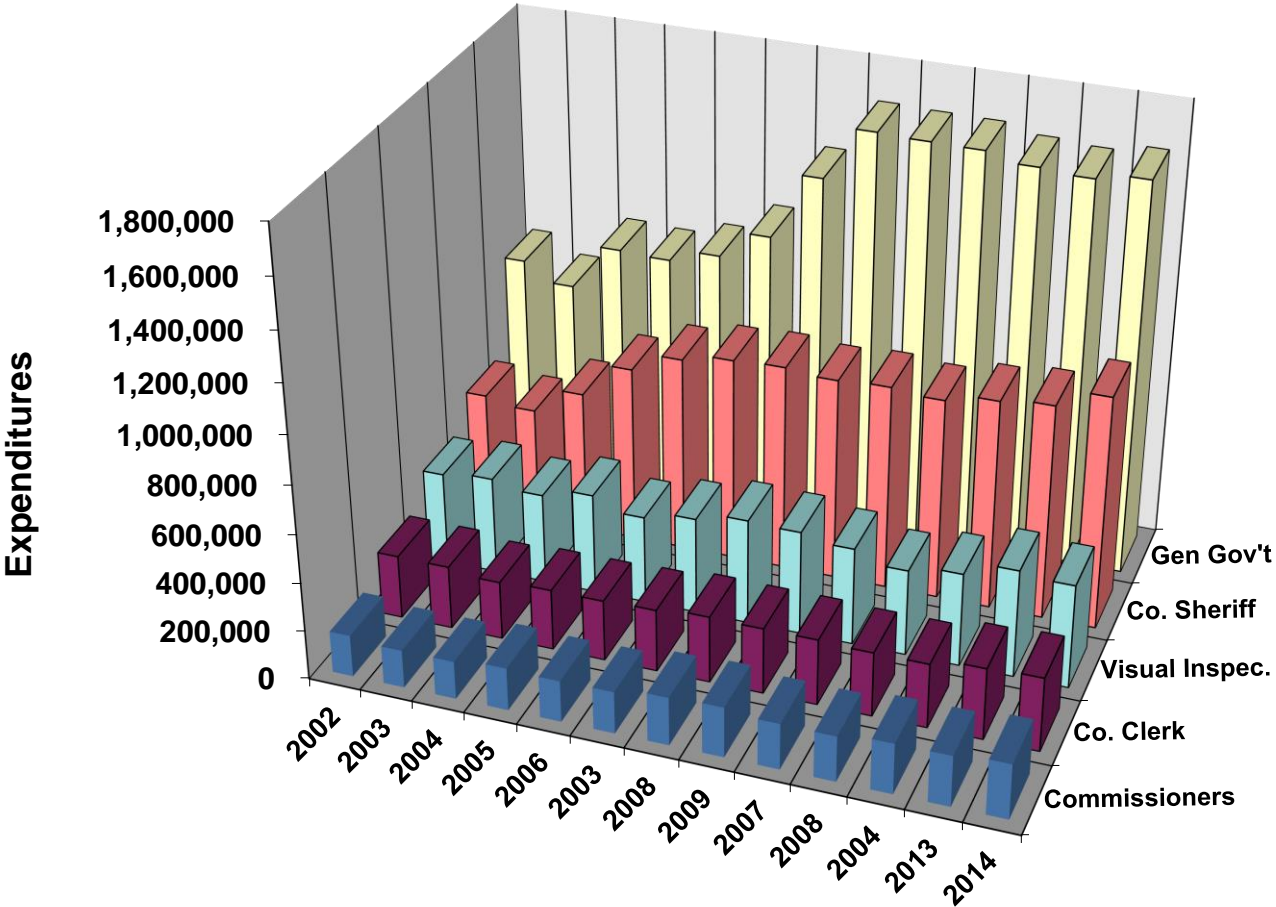
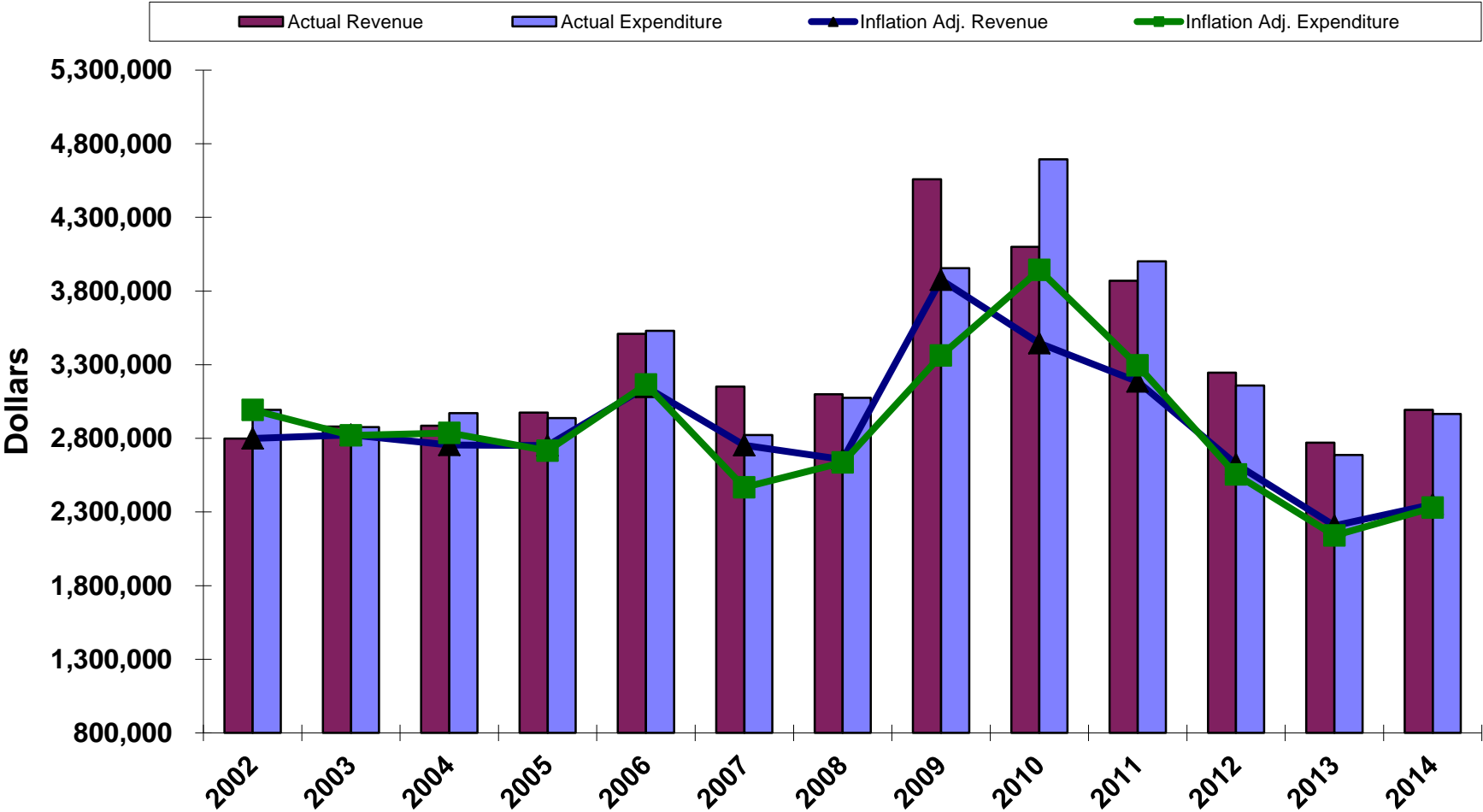


Figure 5 shows the relative magnitude of the five largest expenditure accounts. All five accounts grew, with County Sheriff increasing the largest percentage. General Government had the largest dollar amount increase. Table 6 shows the actual dollar amounts for each account and the per capita expenditures for these five largest accounts.

Table 6. The Five Largest General Fund Accounts in Fiscal 2014					
Year	General Govt.	Co. Sheriff	Visual Inspec.	Co. Clerk	Commissioners
2002	888,540	504,612	381,471	262,164	172,049
2003	813,938	478,054	402,849	260,733	155,882
2004	1,003,090	587,418	374,415	239,858	156,029
2005	995,568	731,618	415,671	250,765	175,773
2006	1,047,495	810,902	363,800	250,864	170,284
2007	1,160,370	845,391	399,466	257,176	173,084
2008	1,431,801	854,590	435,887	274,538	198,410
2009	1,646,105	839,165	430,106	271,954	206,979
2010	1,639,866	849,352	403,469	271,976	189,191
2011	1,637,389	834,188	356,088	265,419	187,404
2012	1,603,507	869,901	386,318	265,557	208,138
2013	1,590,944	890,461	445,175	294,919	209,441
2014	1,619,162	963,889	428,352	304,044	226,256
% Change					
`02-2014	82.23%	91.02%	12.29%	15.97%	31.51%
Annual Rate					
of Change	5.13%	5.54%	0.97%	1.24%	2.31%
per capita					
2002	23.42	13.30	10.06	6.91	4.54
2003	21.14	12.42	10.46	6.77	4.05
2004	25.85	15.14	9.65	6.18	4.02
2005	25.54	18.77	10.66	6.43	4.51
2006	26.27	20.34	9.12	6.29	4.27
2007	28.64	20.87	9.86	6.35	4.27
2008	35.39	21.12	10.77	6.78	4.90
2009	40.59	20.69	10.61	6.71	5.10
2010	39.49	20.45	9.72	6.55	4.56
2011	39.58	20.16	8.61	6.42	4.53
2012	38.73	21.01	9.33	6.41	5.03
2013	38.45	21.52	10.76	7.13	5.06
2014	39.07	23.26	10.34	7.34	5.46
% Change					
`02-2014	66.79%	74.83%	2.78%	6.15%	20.37%
Annual Rate					
of Change	4.36%	4.77%	0.23%	0.50%	1.56%

Figure 6. Road Fund Revenues and Expenditures, Actual and Inflation Adjusted, FY 2002-2014



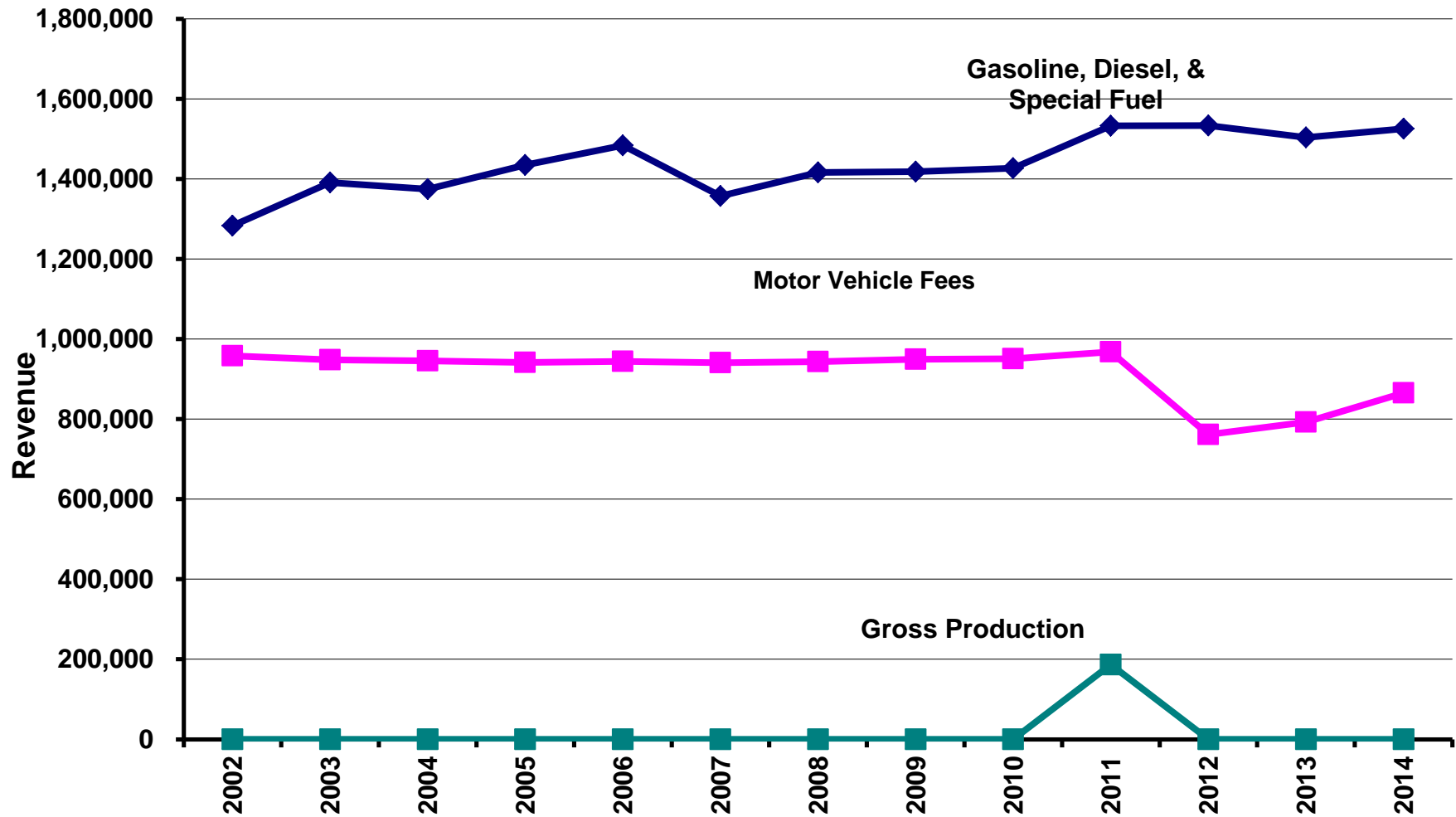
County Road Fund Revenue and Expenditures

Total county road revenues and expenditures, both in actual and inflation adjusted dollars, are depicted in Figure 6. These include both restricted and unrestricted county road dollars. Road revenues grew 6.99% from 2002 to 2014 (Table 7). Actual expenditures fell 0.92%. After adjusting for inflation, revenues decreased 15.96%. Because the number of road miles in the county increased between 2002 and 2014, the per mile changes are smaller than the total changes (Table 7). Inflation adjusted revenues/mile decreased 16.41%. (These stats assume 2002 and 2014 were representative years.)

Table 7. Road Fund Total Revenues and Expenditures, Actual and Inflation Adjusted

Year	Actual Revenues	Actual Expenditures	Inflation Adjusted Revenues (2002 \$)	Inflation Adjusted Expenditures (2002 \$)
2002	2,798,547	2,993,298	2,798,547	2,993,298
2003	2,880,232	2,876,091	2,824,075	2,820,014
2004	2,886,571	2,971,561	2,754,542	2,835,644
2005	2,974,831	2,937,135	2,750,282	2,715,431
2006	3,509,976	3,529,510	3,148,139	3,165,659
2007	3,151,381	2,823,035	2,753,274	2,466,407
2008	3,099,562	3,075,520	2,655,723	2,635,124
2009	4,559,352	3,954,473	3,877,182	3,362,804
2010	4,100,511	4,693,993	3,445,066	3,943,683
2011	3,870,351	4,002,269	3,185,911	3,294,500
2012	3,246,152	3,158,753	2,624,912	2,554,239
2013	2,769,779	2,686,363	2,206,865	2,140,402
2014	2,994,243	2,965,647	2,351,798	2,329,337
% Change				
'02-2014	6.99%	-0.92%	-15.96%	-22.18%
Annual Rate				
of Change	0.56%	-0.08%	-1.44%	-2.07%
per mile of road				
2002	2,421.66	2,590.19	2,421.66	2,590.19
2003	2,492.35	2,488.76	2,443.75	2,440.24
2004	2,498.74	2,572.31	2,384.45	2,454.66
2005	2,531.56	2,499.48	2,340.47	2,310.81
2006	3,012.18	3,028.95	2,701.66	2,716.70
2007	2,704.44	2,422.67	2,362.80	2,116.61
2008	2,650.72	2,630.16	2,271.15	2,253.53
2009	3,899.11	3,381.83	3,315.73	2,875.84
2010	3,512.34	4,020.69	2,950.91	3,378.00
2011	3,331.25	3,444.80	2,742.15	2,835.61
2012	2,794.00	2,718.77	2,259.29	2,198.46
2013	2,384.04	2,312.24	1,899.52	1,842.32
2014	2,577.24	2,552.63	2,024.27	2,004.94
% Change				
'02-2014	6.42%	-1.45%	-16.41%	-22.59%
Annual Rate				
of Change	0.52%	-0.12%	-1.48%	-2.11%

Figure 7. Trends in Gasoline, Diesel + Special Fuel, Motor Vehicle Fees, and Gross Production Revenues for County Roads



Road Fund Sources of Revenue

Analysis of the primary road fund revenue sources lends insight into the existing and potential limitations on funding. Three individual revenue streams are displayed in Figure 7: (1) gasoline, diesel, & special fuel, (2) motor vehicle fees, and (3) gross production taxes. (Most counties have significant gross production tax revenues.) Gasoline, diesel, and motor vehicle fee revenues changed by 9.80%, 50.52%, and -9.68%, respectively, (Table 8). Gross production tax was received only one year. Of the principal sources of road funds only diesel grew faster than the rate of inflation.

	Gasoline	Special	Diesel	Motor	Gross	Total from
Year	Excise	Fuel	Excise	Vehicle	Production	Principal
	Tax	Tax	Tax	Fees*	Tax	Sources
2002	996,386	115	286,606	958,226	0	2,241,333
per mile	862	0.10	248	829	0	1,939
2003	1,104,081	121	256,535	947,998	0	2,308,735
per mile	955	0.10	222	820	0	1,998
2004	1,080,015	183	294,179	945,629	0	2,320,006
per mile	935	0.16	255	819	0	2,008
2005	1,080,094	65	354,439	941,609	0	2,376,207
per mile	919	0.05	302	801	0	2,022
2006	1,117,404	90	365,927	944,464	0	2,427,885
per mile	959	0.08	314	811	0	2,084
2007	1,062,144	49	294,853	940,598	0	2,297,644
per mile	912	0.04	253	807	0	1,972
2008	1,065,172	66	350,770	943,683	0	2,359,691
per mile	911	0.06	300	807	0	2,018
2009	1,056,797	140	361,321	949,229	0	2,367,487
per mile	904	0.12	309	812	0	2,025
2010	1,068,386	82	358,442	950,446	0	2,377,356
per mile	915	0.07	307	814	0	2,036
2011	1,130,695	95	401,963	968,045	186,733	2,687,531
per mile	973	0.08	346	833	161	2,313
2012	1,118,539	145	414,889	761,173	0	2,294,746
per mile	963	0.13	357	655	0	1,975
2013	1,105,736	116	397,514	792,500	0	2,295,866
per mile	952	0.10	342	682	0	1,976
2014	1,093,987	86	431,408	865,441	0	2,390,922
per mile	942	0.07	371	745	0	2,058
% change						
'02 - 2014	9.80%	-25.41%	50.52%	-9.68%	NA	6.67%
Annual Rate						
of Change	0.78%	-2.41%	3.47%	-0.85%	NA	0.54%

Sources of Data

1. "County Estimate of Needs and Financial Statement" (State Auditor and Inspector form no. 2631, otherwise known as the "county budget report") for each fiscal year.
2. The Oklahoma Department of Transportation provided the certified number of miles of county roads.
3. "Economic Indicators" is a monthly U.S. Department of Commerce publication that contains consumer, producer, and implicit price deflator price indices.
4. Bureau of Economic Analysis data provided estimates of population, total county personal income, and per capita income.
5. State distributions to local governments, published annually by the Oklahoma Tax Commission, provided some information on general fund and road fund revenues.
6. "Economagic: Economic Time Series Page," www.economagic.com, contains a wide variety of economic indicators and statistics including price indices.
7. Federal Bank Reserve provided statistics for the CPI, IPD and PPI. <http://research.stlouisfed.org/>.

Appendix A

Price Indices

Year	CPI* Index		PPI** Index		IPD*** Index	
	Value	% Change	Value	% Change	Value	% Change
1990	130.658		116.3		66.774	
1991	136.167	4.22%	116.5	0.17%	68.993	3.32%
1992	140.308	3.04%	117.2	0.60%	70.564	2.28%
1993	144.475	2.97%	118.9	1.45%	72.244	2.38%
1994	148.225	2.60%	120.5	1.35%	73.781	2.13%
1995	152.383	2.81%	124.8	3.57%	75.321	2.09%
1996	156.858	2.94%	127.7	2.32%	76.695	1.82%
1997	160.525	2.34%	127.6	-0.08%	78.009	1.71%
1998	163.008	1.55%	124.4	-2.51%	78.855	1.08%
1999	166.583	2.19%	125.5	0.88%	80.061	1.53%
2000	172.192	3.37%	132.7	5.74%	81.883	2.28%
2001	177.042	2.82%	134.2	1.13%	83.753	2.28%
2002	179.867	1.60%	131.1	-2.31%	85.038	1.53%
2003	184.000	2.30%	138.1	5.34%	86.729	1.99%
2004	188.908	2.67%	146.7	6.23%	89.114	2.75%
2005	195.267	3.37%	157.4	7.29%	91.981	3.22%
2006	201.558	3.22%	164.8	4.70%	94.812	3.08%
2007	207.344	2.87%	172.7	4.79%	97.334	2.66%
2008	215.255	3.82%	189.7	9.84%	99.250	1.97%
2009	214.565	-0.32%	173.0	-8.80%	100.000	0.76%
2010	218.085	1.64%	184.7	6.76%	101.217	1.22%
2011	224.937	3.14%	200.8	8.72%	103.307	2.06%
2012	229.594	2.07%	202.2	0.70%	105.164	1.80%
2013	232.957	1.46%	203.4	0.59%	106.729	1.49%
2014	236.736	1.62%	205.4	0.98%	108.268	1.44%
% change 1990 - 2014	81.19%		76.61%		62.14%	
Annual Rate of Change	2.74%		2.62%		2.22%	
% change 2002 - 2014	31.62%		56.67%		27.32%	
Annual Rate of Change	2.32%		3.81%		2.03%	

Sources: <http://research.stlouisfed.org/> and Bureau of Economic Analysis

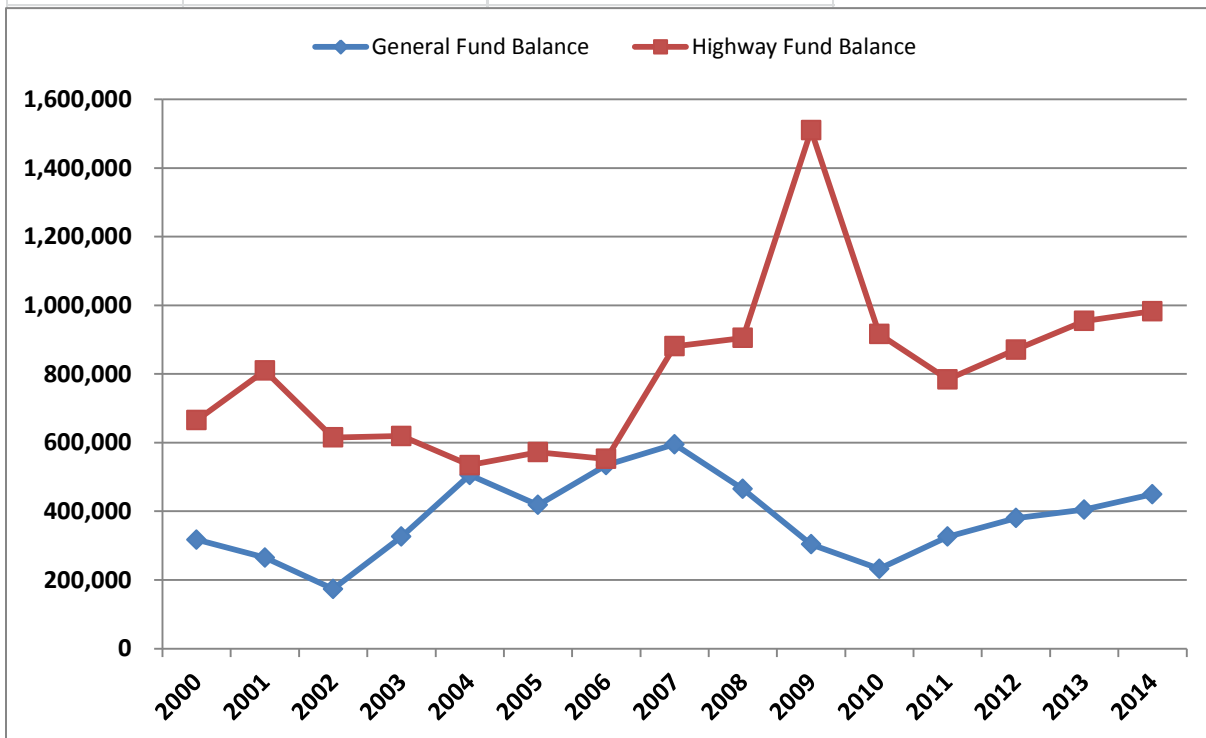
* CPI = consumer price index

** PPI = producer price index

*** IPD = implicit price deflator, gross domestic product

Appendix B. Unencumbered Funds as of End of Fiscal Year

	End of Year	End of Year
Year	General Fund Balance	Highway Fund Balance
2000	317,059	665,315
2001	265,142	809,917
2002	173,670	615,167
2003	325,844	619,308
2004	505,421	534,319
2005	418,521	572,015
2006	534,511	552,481
2007	594,818	880,828
2008	465,062	904,870
2009	303,853	1,509,749
2010	232,413	916,268
2011	326,218	784,350
2012	380,147	870,816
2013	404,724	954,231
2014	449,610	982,827
% Change		
'02 - 2014	158.9%	59.8%



Appendix C. Actual Sales and Use Tax Receipts, FY 2002 - 2014

Year	TotalSalesTax	% Rate	Use Tax
2002	2,212,062	0.6/1.0	NA
2003	2,250,572	1	64,588
2004	2,498,083	1	105,628
2005	2,645,712	1	84,627
2006	2,766,852	1	103,339
2007	2,905,445	1.0/0.9	122,576
2008	2,726,522	0.9	105,925
2009	2,802,109	0.9	153,152
2010	2,611,356	0.9	154,920
2011	2,635,394	0.9	147,028
2012	2,793,707	0.9	153,790
2013	4,005,066	1.4	253,219
2014	4,389,049	1.4	252,984
% Change	'02-2014		'03-2014
	98.41%		291.69%

